Author Index

Assel, Raymond A., 771
Atkinson, Joseph F., 583
Augustine, John A., 683
Azcue, Jose M., 717

Barnes, Peter W., 2, 179
Baumann, Paul C., 531
Bennett, Steven W., 153
Biernacki, Maciej, 333
Blouin, Marc A., 701, 366
Booth, James, 163
Brondyk, Laura M., 510
Brown, Tommy L., 457
Bruce, Gary, 546
Bruner, Kathleen A., 725, 735
Bryant, Douglas W., 523
Bur, Michael T. , 768

Carey, John H., 355
Carter, Susan J., 751
Chan, Cheong Hoi, 546
Changnon, Stanley, 683
Chrzastowski, Michael J., 9, 27
Clemons, Janine, 497
Clodman, Stephen, 613
Colman, Steven M., 2, 73, 93, 215, 751
Croley II, Thomas E., 771
Culver, David, 537

David, Margaret, 510
Davis, Bruce M., 366
Diamond, Miriam, 625, 643
Dixon, D. G., 717
Dolan, David, 625

Ellenberger, Sarah A., 531
Endicott, Douglas, 416
Everett, Rebecca J., 299
Ewins, Peter J., 443, 761

Fisher, Susan W., 725, 735
Fleischer, Guy W., 366
Flett, Peter A., 355
Folger, David W., 2, 44
Forester, Richard, 73, 93
Foster, David S., 44, 73, 215
Fralick, Phillip W., 390
Frimeth, Jack, 497

Gangemi, Paul; 73
Gobas, Frank, 625

Haffner, G. Douglas, 260
Harrison, Bruce, 546
Haynes, James M., 479
He, Xi, 289
Hebert, Craig E., 277
Hoff, Ray M., 229
Holman, Rob, 196
Hudson, Patrick L., 366
Hutchinson, Ray, 471

Jibson, Randall W., 135
Jirka, Gerhard H., 671
Jones, Glenn A., 73
Joshi, Maneesha, 583

Keigwin, Lloyd, 93, 73
Kempema, Edward W., 179, 196
King, John W., 73
Knapton, Richard W., 271
Koslowski, Susan E., 260
Kraft, Clifford E., 471
Krueger, Charles C., 385, 299

LaBar, George W., 289
Landrum, Peter F., 725, 735
Larsen, Curtis E., 108
Lazar, Rodina, 260
Lee, Deborah H., 407, 569
Lick, James, 599
Lick, Wilbert, 599
Lin, Guoqing, 583
Link, Jason, 667
Lovett Doust, Jon, 333
Lovett Doust, Lesley, 333
Lueking, Donald R., 561

Mac, Michael J., 701
MacIsaac, Hugh J., 783
Mackay, David, 643
Mackay, Donald, 625
Madalon, Leonard J., 206
Marchant, Brian, 497
Markes, Joseph, 240
Marsalek, J., 435
Marsden, J. Ellen, 377
Martin, Vincent, 355
Marvin, Chris. H., 523
May, Thomas W., 531
McCarry, Brian E., 523
McCormick, Michael, 179
Metcalfe, Christopher D., 260
Mihelcic, James R., 561
Munkittrick, Kelly R., 355

O'Brien, Mary H.,
Odum, Jackson K., 135
Olyphant, Greg A., 153

Parrott, Joanne L., 355
Pauls, Kerrie, 271
Perkins, David L., 299, 385
Phillips, Brian A. M., 390
Poulton, Donald J., 643
Pranschke, Frank, 61

Quinn, Frank H., 569

Raggio, Gabriel, 671
Rassam, Jean Claude, 569
Reimnitz, Erk, 179
Reynolds, Richard, 73, 93

Sang, Susan, 625
Savino, Jacqueline F., 366
Schneider, Karl, 771
Schroeder, William H., 240
Scott, Robert, 683
Servos, Mark R., 355
Shabica, Charles, 61
Siemer, William F., 457
Smith, Ian, 497
Smith, Stephen B., 701
Sonzogni, William C., 510
Southam, Charles F., 407
Sparks, Douglas, 569
Stapleton, J. Mark, 561
Staude, John-Mark, 135
Stewart, Timothy W., 479

Stockberger, M. Todd, 206
Stride, F. A., 643
Struger, John, 277
Sweetkind, Donald S. 73

Thompson, Todd A., 9, 27
Todd , Thomas N., 366
Trask, Brian C., 27
Tsanis, Ioannis K., 435

Van Der Kraak, Glen J., 355
van den Heuval, Michael, 497
Velleux, Mark, 416
Vlahos, Penny, 625

Wen, Jiangang, 671
Weseloh, D. V. Chip, 277, 443, 761
Wood, William, 206
Woodley, William L., 683
Wu, Lin, 537

Xu, Ping, 435

Ziegler, C. Kirk, 599

Subject Index

absorption, 561
accretion, 27
Actinobdella pediculata, 768
air concentrations, 240
allozyme, 299
Ameiurus nebulosus, 701
American wigeon, 271
anaerobic dehalogenation, 510
arsenic, 717
artificial reefs, 479
assimilation efficiencies, 735
atmospheric contaminants, 240
atmospheric deposition, 229

bathymetry, 163
Bay of Quinte, 643
beach profiles, 179, 206
bedrock, 44
benthic nepheloid layer, 667
benthic macroinvertebrates, 479
benzo(a)pyrene, 735
bioconcentration, 725, 735
bioenergetics, 537
bioenergetics model, 289
biomonitor, 277, 333
bluff retreat, 135
brown bullhead, 701
Buffalo River, 671
buoyancy, 583
buoyant jet, 583

chemcontrol, 355
climatology, 771
coastal erosion, 135
coastal engineering, 27
computer animation, 771
consumption, 471
contaminant dynamics, 260
contaminants, 443, 625, 643, 671
contaminated sediments, 510, 701
coplanar PCBs, 260
copper, 531
Coregonus artedi, 366
coriolis force, 583
cormorants, 761

datums, 407
delta 18 oxygen, 93
deposition, 215
desorption, 561
double-crested cormorant, 443
dreissena, 783
Dreissena polymorpha, 479, 735, 783
ducks, 277

energy transfer, 479
erosion, 277, 215
error analysis, 229

fish, 471, 717
fish eggs, 366, 377, 385
fish hatchery, 299
flows, 569
food web, 260, 479, 537
food chain model, 625
food habits, 271
food selectively, 271
forage base, 443
Fox River, 416
frequency analysis, 569
freshwater drum, 768

Gammarus fasciatus, 735
genetics, 299
genotoxicity, 523
glacial lakes, 9
glaciolacustrine deltas, 390
Great Lakes, 108, 229, 277, 333, 497, 546, 683, 771
Green Bay, 471
growth, 783

Hamilton Harbour, 523
Hmong, 471
Holocene, 215
human disturbance, 761
hydrodynamics, 583

ice, 196, 771
ice rafting , 179
icefoot, 179
Illinois, 135
Indiana Dunes, 153
invertebrates, 701
isostatic rebound, 108, 407

kinetics, 725

Lake Baikal, 751
Lake Champlain, 289
Lake Erie, 260, 271, 537, 599, 701, 768, 783
Lake Michigan, 9, 27, 44, 61, 73, 93, 135, 163, 196, 206, 215, 377, 416, 510
Lake Ontario, 240, 385, 443, 569, 583, 625, 761
Lake Superior, 390, 407, 667
lake trout, 377, 289
lake morphology, 61
lakebed, 163
lampricide, 355
landslide , 135
late Holocene, 108
lead, 277
leech, 768
light transmission, 667
littoral drift, 9, 27, 61

macrophyte, 333
magnetic susceptibility, 93
mass balance model, 416, 625, 643

mathematical model, 416
mercury, 240
metals, 277
MFO induction, 355
microbial transformation, 510
Moira River, 717
morphology, 390
motivation, 457

nearshore processes, 163, 196
nearshore reefs, 377
net deposition, 546
Niagara River, 583

Oncorhynchus mykiss, 299
organochlorine contaminants, 333
organochlorine pesticides, 546
ostracodes, 73, 93

PAH, 523, 561, 725
paleoclimate, 93
paleogeography, 390
paleolimnology, 9, 93
PCB, 277, 416, 471, 497, 510, 546, 625, 725, 735
pesticides, 277
physical model, 583
population dynamics, 289, 443, 761
populations, 299
profiles, 61
pyrene, 561

quagga mussel, 783
Quaternary, 44

radiocarbon, 73
rainbow smelt, 289
rainfall, 683
regulation limits, 407
regulation, 569
reproduction, 385, 497, 531
resuspended solids, 416
resuspension, 599

salmonids, 457, 497
Salvelinus namaycush, 385
sand, 153
sand transport, 153
sandspits, 9
satellite, 683
satisfaction, 457
sediment, 44, 61, 73, 215, 366, 561, 671, 751
sediment budget, 179, 215
sediment transport, 163, 599
sedimentology, 73, 390
shooting, 761
shoreline processes, 135
silica, 751
spawning, 377
sport fishing, 457, 471
St. Marys River, 366
substrate, 377
survival, 366, 783

TCDD, 497
temperature, 771
TFM, 355
Thunder Bay, 390
toxic contaminants, 435
trace metals, 240
transport model, 671
tumors, 701

urban runoff model, 435

Vallisneria americana, 333
video, 196

water levels, 206
water management, 683
water birds, 761
water level, 108, 407, 569
water supplies, 569
wave forecasting, 613
wave statistics, 206
waves, 163
white perch, 537
white bass, 471
wind wave model, 613
wind, 153

yellow perch, 531, 537

zebra mussels, 479, 523, 725, 735, 783
zooplankton populations, 537

Geographic Index

Bay of Quinte, 643
Buffalo River, 671

Fox River, 416

Great Lakes, 108, 229, 277, 333, 497, 546, 683, 771
Green Bay, 471

Illinois, 135

Lake Baikal, 751
Lake Champlain, 289
Lake Erie, 260, 271, 537, 599, 701, 768, 783
Lake Michigan, 9, 27, 44, 61, 73, 93, 135, 163, 196, 206, 215, 377, 416, 510
Lake Ontario, 240, 385, 443, 569, 583, 625, 761
Lake Superior, 390, 407, 667

Moira River, 717

Niagara River, 583

St. Marys River, 366